

AMENDMENTS TO THE CLAIMS:

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

LISTING OF CLAIMS:

1. – 3. (Cancelled).

4. (Currently amended) The sheet chemical cell of claim 1424, wherein said plurality of anodes and said plurality of cathodes are porous membranes prepared by a slurry containing catalyst-carrying carbon powder, electrolyte, and solvent.

5. (Currently amended) The sheet chemical cell of claim 4, wherein a catalyst of said plurality of anodes is made of a Pt-Ru alloy or an alloy including Pt-Ru as a main ingredient and a catalyst of said plurality of cathodes is made of a Pt alloy or an alloy including Pt as a main ingredient.

6. – 8. (Cancelled).

9. (Withdrawn) A fuel cell assembly having the sheet-like chemical cell of claim 1 on either or both of the surfaces of a fuel supply section including a porous material which diffuses liquid fuel by the capillary action with said anode plate in contact with said fuel supply section.

10. (Withdrawn) A fuel cell assembly having a plurality of unit cells formed on a single electrolyte membrane.

11. (Withdrawn) The fuel cell assembly of claim 10, wherein the anode side of said unit cell is placed to be in contact with either or both of the surfaces of a fuel supply section including a porous material which diffuses liquid fuel by the capillary action.

12.-14. (Cancelled).

15. (Currently Amended) The sheet chemical cell according to claim ~~14~~24, wherein the slots are filled with an insulating sealant.

16. (Cancelled).

17. (Currently Amended) The sheet chemical cell according to claim ~~14~~24, which further comprises a plastic sheet as a cover of the sheet chemical cell.

18. (Currently Amended) The sheet chemical cell according to claim 17, wherein the first and second ~~wiring~~electrically conductive current-collecting plates and the plastic sheet are provided with through-holes through which fuel and oxygen are supplied.

19. (Cancelled).

20. (Currently Amended) The sheet chemical cell according to claim ~~14~~24, wherein ~~respective~~all of the slots are positioned between adjacent anodes and between adjacent cathodes.

21. (Currently Amended)) The sheet chemical cell according to claim 4424, wherein a slot, of said slots, is independently provided between every two adjoining anodes and between every two adjoining cathodes.

22. (Previously Presented) The sheet chemical cell according to claim 21, wherein not every slot is used for electrical connection.

23. (Currently Amended) The sheet chemical cell according to claim 4424, wherein not every slot is used for electrical connection.

24. (New) A sheet chemical cell comprising an electrolyte membrane having slots, a plurality of anode plates for oxidizing fuel, formed on one face of the membrane, a plurality of cathode plates for reducing oxygen, formed on the other face of the membrane, each of the plurality of cathode plates constituting a pair with a respective anode plate of the plurality of anode plates, a plurality of first electrically conductive current-collecting plates covering all of the plurality of anodes, and a plurality of second electrically conductive current-collecting plates covering all of the plurality of cathodes, and wherein the first electrically conductive current-collecting plates and the second electrically conductive current-collecting plates are electrically connected with each other through respective slots, of said slots of said electrolyte membrane.

25. (New) The sheet chemical cell according to claim 24, wherein each of the plurality of anodes has one first electrically conductive current-collecting plate, of the plurality of first electrically conductive current-collecting plates, covering thereon; and

each of the plurality of cathodes has one second electrically conductive current-collecting plate, of the plurality of second electrically conductive current-collecting plates, covering thereon.